

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

10. (Newly Added) The digital transmitter-receiver according to claim 3,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

11. (Newly Added) The digital transmitter-receiver according to claim 4,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

12. (Newly Added) The digital transmitter-receiver according to claim 5,

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wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

13. (Newly Added) The digital transmitter-receiver according to claim 6,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

14. (Newly Added) The digital transmitter-receiver according to claim 7,

wherein the digital data is a first MPEG transport stream,

wherein said transcoder separates a video elementary stream and an audio elementary stream from the MPEG transport stream, reduces data rate of the video elementary stream by at least one of thinning of a picture from the video elementary stream and thinning of a high frequency component of a discrete-cosine-transform (DCT) coefficient, and outputs a second MPEG transport stream by multiplexing the video elementary stream after the rate reduction and the audio elementary stream .

Respectfully Submitted,

  
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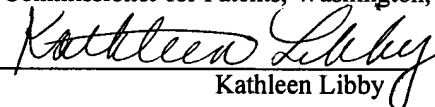
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